ABSTRACT OF THE DISCLOSURE

A phosphor for vacuum ultraviolet ray-excited light-emitting elements which comprises a compound represented by the following formula (I):

$$M_{1-a-b-c-d}^{1}M_{a}^{2}M_{b}^{3}M_{1-e}^{4}M_{11-f}^{5}M_{c+d+e+f}^{6}O_{19-(b+c+f)/2}$$
 (I)

(wherein M^1 is at least one element selected from the group consisting of La, Y and Gd, M^2 is at least one element selected from the group consisting of Ce and Tb, M^3 is at least one element selected from the group consisting of Ca, Sr and Ba, M^4 is at least one element selected from the group consisting of Mg and Zn, M^5 is at least one element selected from the group consisting of Al and Ga, and M^6 is at least one element selected from the group consisting of Al and Ga, and M^6 is at least one element selected from the group consisting of Mn and Eu, and a, b, c, d, e and f are numbers satisfying the conditions of $0 \le a < 1$, $0 \le b \le 0.6$, $0 \le c \le 0.5$, $0 \le d \le 0.5$, $0 \le e < 1$, $0 \le f < 1$, a + b + c + d < 1 and 0 < c + d + e + f), respectively.